Work Orde)95		*870	195*						Page 1
Revision ID:	D412-742-01 Float Skidtube			Accept	*N900	040 <i>°</i>	100)*	etup Sta	1 71	S1* S2*
	8/06/12	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:					
Approvals:	Process Plan	n:	Date://///////	Tooling: SPC (Y/N):		nte:		R	kun Sta Sto		R1* R2*
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID		Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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IIN D412-742 100 *100* Document Control	E	DOCUMENT CONTE	ROL y bluefile and create labels po	0.00 J6 0.00 J6 er PPP D412-742-013	chG007 JB			H) dol	MUS	12-10-1
*110 *110* Packaging Packaging		Pick Kit Memo		0.00				1_			13/10//0 9
120 *120* QC		QC4-100% Inspect k	its for completeness	0.00	Enlioru					- .	
Quality Control		1	38-	701	e(anna e e e e e e e e e e e e e e e e e e		o managa ingganga miningganga miningganganga miningganganganganganganganganganganganganga	,		

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DATE	STEP	PAR #: Fault Category: NCR: Yes No DQA: Dolution: Disposition: QA: N/C Closed: D WORK ORDER NON-CONFORMANCE (NCR) Description of NC Corrective Action Section B	Approvai Chief Eng / Prod Mgr	Approval QC Inspector						
										
Part No	:	PAR #:	Fault Cat	egory:	NCF	R: Yes N	lo DQ /	A :	_ Date: _	
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Work Order ID 87095 Page 2 July-10-12 3:13:15 PM *N900040100* D412-742-013 Accept Setup Start Item ID: **Revision ID:** Stop Float Skidtube Installation Item Name: *1* Start Qty: 1.00 8/06/12 **Cust Item ID: Start Date:** Required Date: 8/31/12 Req'd Qty: 1.00 **Customer:** Reference: Run Process Plan: _____ Date: _____ Date: Tooling: Approvals: Stop SPC (Y/N): Date: Date: Reject Tool # Plan Reject Insp. Operation Set Up/ Tool ID Accept Sequence ID/ Number Stamp Qty Qty Code Work Center ID Description **Run Hours** 0.00 130 Packaging *130* 0.00 Packaging Identify and pack for shipping as per PPP D412-742-013 Packaging Location: OC21- Final Inspection - Work Order Release 0.00 140 *140*

0.00

Memo

QC

Quality Control

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W/O:	•		WO	RK ORDER CHANG	SES	 				
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Work Order ID:

87095

Parent Item:

D412-742-013

Parent Item Name:

Float Skidtube Installation

Start Date: 8/06/12

Required Date: 8/31/12

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev: A05.10.13New Issue KJ/JLM

IPP Rev:B 06-06-08 As per DSI9336 JLM

07-12-03 ECN IPP RevC

DD verified by:JLM 1072

IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC

IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC 10.01.13 verified by:EC

IPP RevF: add AN4C7A DD IPP Rev:G 11.11.01 as per DSI9517 REV.B DD verified

by:EC IPP rev:H 12.01.12 PER IIN REV.E DD VERF:

IPP Rev:I add AN4C47A

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C47A Bolt		Purchased	No			110	Each	128.0000	4 / 3	22843	- 20		
				Location		Loc Oty	Lo	oc Code		ŕ	·		
				ST361		128							,
					3451	6							
					798	2 22			···				
					1009 1585	22							
					2012	46							
•					2204	50							
D412-742-043 Replacement Float Skidtub	e	Manufactured	No			110	Each	0.0000	15	1	B870	66	
D2571 Saddle, Fwd Out 205		Manufactured	No			110	Each	15.0000	1	9957	JB	12,	1/0/09
,				Location		Loc Qty	Lo	oc Code			•		
				ST		1							
				110	544	1							
				ST425		-13							
				ST432		14							
					607	8			-				
					883	6							
				ST433		13							

W/O:			WO	RK ORDER CHANGE	S	·			
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Work Orde	er ID:	87095											
Parent Item	n:	D412-742-013							Sta	art Date: 8/	06/12	Required Date: 8/31/	12
Parent Iten	n Name:	Float Skidtube Installation							Si	tart Qty: 1.	00	Required Qty: 1.00	A
D2572 Saddle, Fwd	In 205	Manu	ıfactured	No		110	F	Each	7.0000	1	89322	- J-B	
8					Location	<u>Loc Q</u>	<u>ty</u>		Loc Code				
					ST432		7			_			,
					71107		2			_			^
					85882		5			_			
D2573		Manu	ıfactured	No		110	I	Each	3.0000	1	86967	V 23	2
Saddle, Aft (Out 205										00/0/		-
					Location	Loc (Loc Code				
					ST423		-12			_			
					79424		0			-			
					ST433		3						~
					83669		12			-			S)
					ST434	110		Each	3.0000	- 1		V	
D2574		Manı	ıfactured	No		110	ļ	Each	3.0000	1	88740	18	
Saddle, Aft I	n 205								I Codo				
					Location	Loc C			Loc Code				
					ST433		3			_			ſ
<i></i>				NI-	83671	110		Each	94.0000	2		∠	CA CA
D2876		Manı	ufactured	No		110		Lacii	94.0000		86 734	10	
Saddle Spac	er					Loc)		Loc Code			<i>0</i>	
					<u>Location</u>	Lock			Loc Code				^
					ST020 83323		94 40						
/					83890		54			=			
D2877		Man	ufactured	No		110		Each	104.000	2	2		
Saddle Space	er	IVIAIII	uraciureu							1111111	86890	<u> </u>	12/10/09
Saddie Spae	•				<u>Location</u>	Loc	Oty		Loc Code			V	. ,
					ST020	<u></u>	104						
					83324		3			-			
					83891		61			-			
					86442		40						

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	Parent Item:	D412-742-013						Start I	Date: 8/06/12	Required Date:	8/31/12
	Parent Item Name:	Float Skidtube Install	ation					Start	Qty: 1.00	Required Qty:	1.00
	D3403-1 Bushing		Manufactured	No		110	Each	65.0000	8 88	782 20	
					Location	Loc Qt	¥	Loc Code			•
					ST041		15				
					70696		15			·	
					ST042		50				
					80208		7				
					80219		4				•
					85661		39			· ·	
(D3403-5 Bushing		Manufactured	No		110	Each	45.0000	8 8	832 JB _	
	-				Location	Loc Qt	<u>y</u>	Loc Code			
					ST042		45				
					85664		45				
(D2747 Set Screw		Manufactured	No		110	Each	296.0000	4	4 - 18	
					<u>Location</u>	Loc O	<u>ty</u>	Loc Code		•	
					ST017		96				
					79520	_	5				À
					81877		91				
,					86439		:00		864	139	
4	D3533-1 Set Screw		Manufactured	No		110	Each	68.0000	2 87	2 ~	12/10/09
	30.30.0				Location	Loc Q	ty	Loc Code		•	, .
	4				ST053		68				
					80326		2				
					83892		66				

W/O:	No: PAR #: Fault Category: NCR: Yes No DQA: Resolution: Disposition: QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR) Page 1410 Corrective Action Section B	, •							
DATE	STEP	PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Work Order ID: Parent Item:	87095 D412-742-013								Pate: 8/06/12		Required Date	
Parent Item Name:	Float Skidtube Installat	tion						Start (Qty: 1.00		Required Qt	y: 1.00
AN4C6A CBølt	F	Purchased	No		110		Each	399.0000	16 /22	16 800	33	
				Location	Loc	<u>Oty</u>		Loc Code				
				FG		4						
				10334	4	4						
				ST356		395						
				11670		2						
				12042		1						2
				12165		392						
AN4C53A Bolt	I	Purchased	No		110		Each	105.0000	4	4	JB	
				Location	Loc	Oty		Loc Code			_	
				ST361		105						
				12219	93	99			122	193		
				12219	14	6						٨
AN4C52A BOLT	1	Purchased	No		110		Each	8.0000	122	5/8	· 25	
				Location	Loc	<u>Oty</u>		Loc Code			·	
				ST361		8					•	A
				11768	38	6						
/				12036	54	2						
AN6C12A BOLT	į	Purchased	No		110		Each	48.0000	8 <u>12</u>	8 280	8 10	12/10/09
				Location	<u>Loc</u>	Oty		Loc Code			0	, .
				ST341	-	48						
				12154	11	7						
				12220		41						

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raitivo	F.	esolution:								
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	Work Order ID: Parent Item:	87095 D412-742-013						Start D	ate: 8/06/12	Required I	Date: 8/31/12
	Parent Item Name:	Float Skidtube Insta	llation						Qty: 1.00	Required	
	D3672-3 Phenolic Washer		Manufactured	No		110	Each	1,275.0000	32	32 JB	
0					Location	Loc Qty		Loc Code		•	
					ST060 84361 84432	1275 275 500					
_		_			86517	500			_86.	2 /7	
5	AN960C416L NAS WASHER	1149C0432R	Purchased	No		110	Each	0.0000	32 _12/2	2532 JB	
\langle	D3672-9 Phenolic Washer		Manufactured	No		110	Each	308.0000	8	8 / 93	
					Location	Loc Oty		Loc Code		-	
					ST060	308					_
_					81763	308			_817	763	
5	NAS1149C0632R WASHER		Purchased	No		110	Each	183.0000	8	8-18	
					Location	Loc Qty		Loc Code			
					ST297	183					\wedge
					119736	2					
					120308	1 180			12/	825	
/				Ma	121825	110	Each	203.0000	8	8 -	
5	D3672-11 Phenolic Washer		Manufactured	No		110	Lacii	203.0000		13	12/10/09
					Location	Loc Qty		Loc Code			
					ST060	203			7	1402	
					77483	203			_//	1483	

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Work Order ID: Parent Item:	87095 D412-742-013		•					Start	Date: 8/06/12	<u>!</u>	Required Date	e: 8/31/12
Parent Item Name:	Float Skidtube Insta	llation							Qty: 1.00		Required Qt	y: 1.00
MS21043-4 Nut		Purchased	No			110	Each	1,766.0000	29	29	JB	5
				Locatio	<u>n</u>	Loc Qty		Loc Code				•
				FG		40				·		
					104603	40						
				ST301		726						
					119546	4						
					121162	282						
					121652	440						
				ST318		1000			10	<u> </u>		_
,					122141	1000			120	2/41		2
D3403-3		Manufactured	No			110	Each	52.0000	8 5× ネッ	8	✓	\mathcal{Q}
Bushing										8783	12	
				Locatio	<u>n</u>	Loc Qty		Loc Code	34 B	8560		
				ST042		52						
					85662	52						^
D3405-041		Manufactured	No			110	Each	13.0000	1	1370	V	\mathcal{L}
Lug Assembly										15/0	- J-5-	
				Locatio	<u>n</u>	Loc Qty		Loc Code				
				ST478		13						
					62227	2						
					77000	2						
					83370	3						A 1
					83896	6						
D3405-043		Manufactured	No			110	Each	8.0000	1 %	9214	28	12/10/0
Clug Assembly				Locatio	<u>on</u>	Loc Qty		Loc Code			-03	
				ST478		8						
•				51.70	82038	1						
					83897	7						

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Work Order ID:	87095 D412-742-013	•				Start I	Date: 8/06/12	Required Dat	e• 8/31/12
Parent Item: Parent Item Name:	Float Skidtube Installation	*					Qty: 1.00	Required Qt	
AN4C7A SBolt	Purchased	No		110	Each	123.0000	4	4-18	
C 2011			Location	Loc Qty		Loc Code		•	
			ST356	123				_ ^	
•			109147	123			10914	<u> </u>	
D3407-041 Tow Ring	Manufactured	No		110	Each	1.0000	1 B899	704	
J			Location	Loc Qty		Loc Code		12/10/10	
			ST463	1					
			82068	1					
D3417-3 Washer	Manufactured	No		110	Each	21.0000	2 	35 ² 10	S
			Location	Loc Qty		Loc Code		•	
			FG	9					
			33519	9					
			ST042	12					4
/			80225	12					
D3456-1 Washer	Manufactured	No		110	Each	214.0000	1	1 7 3 3	12/10/2
			Location	Loc Qty		Loc Code		•	•
			FG	7					
			25701	7					
			ST044	207					
			80252	1					
			81876	14					
•			83584	92			85	<u>7 2</u> 3	
			85223	100			<u> </u>		

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AN3C37A BOLT		Purchased	No				110	Each	154.0000	122843	- 23	· 80
				Location			Loc Oty		Loc Code			
				ST324			50					
				13	22204	•	50					
				ST354			104					
				1	16874		11					
				1	17010		2					
				13	20422		3					
					21068		36					
					21584		2					
				1:	21585		50					\wedge
AN3C40A BOLT		Purchased	No				110	Each	20.0000	1 1	73	5
				Location			Loc Qty		Loc Code			^
				ST354			20					()
					14442		20			114442	,	Chille
SAN3C41A BOLT		Purchased	No				110	Each	211.0000	1 1 122813	, Jo	12/10/09
				Location			Loc Qty		Loc Code		·	
				FG			4					
					03324		4					
				ST354			207					
					21013		26					
					21313		80					
					21689		1					
					22241		100	•				

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Work Order ID: Parent Item: Parent Item Name:	87095 D412-742-013 Float Skidtube Installation	-					Date: 8/06/12 Qty: 1.00	Required Date: 8/31/12 Required Qty: 1.00
AN3C42A BOLT	Purchased	No		110	Each	69.0000	1	1 2 1 5
			Location	Loc Qty		Loc Code		
			ST354	69				·
			106176	1				
			120464	1				-
			121103	17				-
			122241	50			12224	
AN3C43A BOLT	Purchased	No		110	Each	61.0000	4	4 J5 St
			Location	Loc Oty		Loc Code		•
			ST354	61				_
			114455	2				_
			119673	1				
			120465	58			120465	5
AN3C46A BOLT	Purchased	No		110	Each	51.0000	5 _123 4	5 18
			Location	Loc Oty		Loc Code		
			ST355	51				
			120447	3				
,			122204	48				
AN960C10L washer	NAS1149C0332R Purchased	No		110	Each	21.0000	26 12324	26 × 98 12/10/09
			Location	Loc Oty		Loc Code		V
			ST	21				
			107534	21				_
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Part No	Part No: PAR #: Resolution:		Fault Categ	jory:	NCR: Yes No DQA: Date:						
			Disposition	n: <u>`</u>	_ QA: N/C CI	osed:		Date: _			
NCR:			WORK ORDE	ER NON-CONFORMA	ANCE (NCR	1)					
DATE	STEP	Description of NC			ion B Sign &	Verific		Approval	Approval		
	J. 2.	Section A	Initial Chief Eng	Action Description Chief Eng	Date	Secti	on C	Chief Eng	QC Inspector		

Picklist Print-

July-10-12 3:13:15 PM

Work Order ID:

87095

Parent Item:

D412-742-013

Parent Item Name:

Float Skidtube Installation

Purchased

No

Start Date: 8/06/12

Required Date: 8/31/12

Page 10

Start Qty: 1.00

Required Qty: 1.00

1,086.0000 13 13 4 1 1/10/09

Location	Loc Oty	Loc Code	
FG	72		
103691	72		
ST301	1014		
118077	2		
118614	12		 •
118686	30		
119758	20		
121255	93		
121708	857		

110

Each

MS21043-3 Nut

W/O:			WORK ORDER CHANGES								
DATE	STEP	PRO	OCEDURE CH	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
			····								
Part No		PAR #:	Fault Cate	NCR: Yes	Date:	te:					
Resolution:			Disposition	on: '	QA: N/C CI	osed:		Date:			
NCR:		·	WORK ORD	ER NON-CONFORMAN	ICE (NCR)			,		
DATE	STEP	Description of NC			Section B Ver			Approval	Approval		
DAIL	JILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	on C	Chief Eng	QC Inspector		
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